DATA EVALUATION REPORT

NAF-313

STUDY TYPES: **ACUTE ORAL TOXICITY - RAT (870.1100)**
ACUTE DERMAL TOXICITY - RABBIT (870.1200)
ACUTE INHALATION TOXICITY - RAT (870.1300)
PRIMARY EYE IRRITATION - RABBIT (870.2400)
PRIMARY DERMAL IRRITATION - RABBIT (870.2500)
DERMAL SENSITIZATION - GUINEA PIG (870.2600)

SUMMARY: **ACUTE TOXICITY ONE-LINERS (870.1100 through 870.2600)**

Prepared for

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U.S. Environmental Protection Agency
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Prepared by

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Disclaimer

This review may have been altered subsequent to the contractor's signatures above.

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DATA REVIEW FOR ACUTE ORAL TOXICITY TESTING (870.1100, previously §81-1)

Product Manager: 03
MRID No.: 44597720

Contract Reviewer: Susan Chang
EPA Reviewer: Byron T. Backus, Ph.D.
Study Completion Date: September 8, 1997
Study No.: 971087

Testing Facility: Toxicology Research Laboratory, Health and Environmental Research Laboratories, Dow Chemical Company
Author: Brooks, K.J.

Quality Assurance (40 CFR §160.12): Included (p. 4)

Test Material: NAF-313 (11.3% DE-105); Lot F0216-141; Reference No. TSN101367; tan, opaque liquid, pH~9
Species: Rats; Fischer 344
Age: ~8 weeks
Weight (prefasted): Males: 154-167 g; Females: 113-120 g
Source: Charles River Laboratories, Inc., Raleigh, NC

Conclusion:

1. **LD_{50} (mg/kg):**
   Males: > 5000 mg/kg
   Females: > 5000 mg/kg
   Combined: > 5000 mg/kg
2. **The estimated LD_{50} is** > 5000 mg/kg
3. **Tox. Category:** IV Classification: Acceptable

Procedure (including deviations from 870.1100): The material was administered "as neat test material by single dose gavage,"

Results:

Dosage (mg/kg)	Number of Deaths/Number Tested		
	Males	Females	Combined
5000	0/5	0/5	0/10

Observations: No rats died during the study. One male had fecal soiling that resolved by day 2. All other rats appeared normal and had normal body weight gains.

Gross Necropsy: No treatment-related gross observatons were noted.